

Tuesday, June 28, 2016 10:11:26 AM

Page 1

Stop *NS2*

Reference:

Stop ***NR2***

SEP 13 2016

SEP 13 2016

SEP 13 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																																																										
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER :			
Misidentified ☐	Past Due ☐																																																																

Work Order ID 148410

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148410

Page 2

Item ID: D412-761-047

Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: Instrument Panel

Stop ***NS2***

Start Date: 7/22/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 7/28/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130							DAS 28		SEP 13 2016
Packaging	Memo	0.00					27 9-89		
Packaging	Identify and pack for shipping as per PPP D412-761-047						9-88		
	Location: _____								
	PPP Rev: <u>149854</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
140							DAS 21		SEP 13 2016
QC	Memo	0.00					9-89		
Quality Control									
							DAS 21 9-89		SEP 13 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER :					

Picklist Print

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Work Order ID: 148410

148410

Parent Item: D412-761-047

D412-761-047

Parent Item Name: Instrument Panel

Start Date: 7/22/2016

Required Date: 7/28/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 09-01-13 rev.C as per dwg DD verified by:EC IPP Rev:B
13.01.15 as per ECN13-511 DD Verf:JLM IPP Rev:C 16.06.21 PER
IIN REV.F DD Verf:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3705-041 *D3705-041* Instrument Paney Assy		Manufactured	No			110	Each	0.0000	1	1			DAS 68-6 28 9-89
D3705-7 *D3705-7* Main Panel		Manufactured	No			110	Each	11.0000	1	1			DAS 68-6 28 9-89
				<u>Location</u>			<u>Loc Qty</u>			<u>Loc Code</u>			
				st507			11						
					146199		11						
D3705-9 *D3705-9* Panel		Manufactured	No			110	Each	9.0000	1	1			DAS 68-6 28 9-89
				<u>Location</u>			<u>Loc Qty</u>			<u>Loc Code</u>			
				st507			9						
					146203		9						
D3705-11 *D3705-11* Main Panel		Manufactured	No			110	Each	10.0000	1	1			DAS 68-6 28 9-89
				<u>Location</u>			<u>Loc Qty</u>			<u>Loc Code</u>			
				st507			10						
					146202		10						

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : ☐					

Picklist Print

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Work Order ID: 148410

148410

Parent Item: D412-761-047

D412-761-047

Parent Item Name: Instrument Panel

Start Date: 7/22/2016

Required Date: 7/28/2016

Start Qty: 1.00

Required Qty: 1.00

D3707-1

Manufactured No

110

Each

4.0000

2

2

D3707-1

Mounting Lug

**

DAS
6
9-89

Location

Loc Qty

Loc Code

ST052

4

134309

4

2

D3790-1

Manufactured No

110

Each

11.0000

1

1

D3790-1

Indexing Block

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST054

1

143646

1

ST064A

10

146200

10

D3867-1

Manufactured No

110

Each

20.0000

1

1

D3867-1

Connector Plate

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST055

20

143648

20

D4758-1

Manufactured No

110

Each

27.0000

2

2

D4758-1

Blanking Plate

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST123

27

146209

27

SEP 13 2016

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date: _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐	☐	No Re-verification ☐	☐	Pressure/Forced ☐	☐	Temperature/Cure ☐	☐
Design ☐	☐	Operator ☐	☐	Bending ☐	☐	Set-up ☐	☐
Doc/Data ☐	☐	Offset/Setup ☐	☐	Centre Not Concentric ☐	☐	BOM/Route ☐	☐
Equip/Tooling ☐	☐	Supplier ☐	☐	Cracks ☐	☐	Broken/Damage/Defect ☐	☐
Handling/Pre ☐	☐	Training ☐	☐	Crimp/Kink/Ripple/Wave ☐	☐	Inspection Incomplete/Unqualified ☐	☐
Material ☐	☐	Use for Testing ☐	☐	Cuffs ☐	☐	Contamination ☐	☐
Internal Transport ☐	☐	Poor Information ☐	☐	Crushing ☐	☐	Countersink ☐	☐
Tribal Knowledge ☐	☐	Rushing ☐	☐	Heat Treat ☐	☐	Cut Too Short ☐	☐
LOA ☐	☐	Product Improvement ☐	☐	Wave/Twist in Tube ☐	☐	Instructions Incomplete/Unclear ☐	☐
Substation ☐	☐	Process Improvement ☐	☐	Marks/Chatter ☐	☐	Drill Holes ☐	☐
Past Expiry Date ☐	☐	Manufacturing Process ☐	☐	OTHER : _____			
Misidentified ☐	☐	Past Due ☐	☐				

Picklist Print

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Work Order ID: 148410

148410

Parent Item: D412-761-047

D412-761-047

Parent Item Name: Instrument Panel

Start Date: 7/22/2016

Required Date: 7/28/2016

Start Qty: 1.00

Required Qty: 1.00

D4758-3 Manufactured No

110 Each 25.0000 3 3

D4758-3

Blanking Plate

**

DAS 6 28 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

ST123

25

146204

25

AN3-4A Purchased No

110 Each 340.0000 4 4

AN3-4A

Bolt

**

DAS 6 28 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

ST350

340

m134955

340

AN526C1032R6 Purchased No

110 Each 320.0000 6 6

AN526C1032R6

Screw

**

DAS 6 28 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

ST327

320

1892

320

AN743-12 Purchased No

110 Each 14.0000 2 2

AN743-12

Clip

**

DAS 6 28 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

ST330

14

M127124

14

MS21075L3 MS21075L3N Purchased No

110 Each 28.0000 6 6

MS21075L3

Nut Plate

**

DAS 6 28 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

GA

28

m134257

28

SEP 13 2016

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Work Order update only

Work Order: _____		DISPOSITION		AGAINST DEPARTMENT/PROCESS					
Part No. _____		Rework ☐		Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐		
NCR No. _____		Scrap ☐		Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐		
		Use-as-is ☐		Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐		
		Suspected Unapproved ☐		Large Fab ☐	Composite ☐	Supplier ☐			
Date : _____		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition					
				Completed By					
				Lead hand / Supervisor Approval Verification					
				QC / QA Coordinator Approval					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

Picklist Print

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Work Order ID: 148410

148410

Parent Item: D412-761-047

D412-761-047

Parent Item Name: Instrument Panel

Start Date: 7/22/2016

Required Date: 7/28/2016

Start Qty: 1.00

Required Qty: 1.00

MS24693-C272

Purchased

No

110

Each

1,018.000

4

4

MS24693-C272

Screw

**

DAS
27
9-89

Location

Loc Qty

Loc Code

OVER010

986

17137

467

17831

519

ST287

32

9370

32

MS27039-1-17

Purchased

No

110

Each

190.0000

1

1

MS27039-1-17

Screw (601.1954)

**

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

185

120142

36

m127831

149

ST280

5

m127305

5

MS27039-1-27

Purchased

No

110

Each

34.0000

1

1

MS27039-1-27

Screw

**

DAS
27
9-89

Location

Loc Qty

Loc Code

ST279

34

110606

34

DAS
28
9-89

DAS
28
9-89

DAS
28
9-89

SEP 13 2016

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step # : _____		QTY Effective : _____			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : _____					

Picklist Print

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Work Order ID: 148410

148410

Parent Item: D412-761-047

D412-761-047

Parent Item Name: Instrument Panel

Start Date: 7/22/2016

Required Date: 7/28/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042L3

Purchased

No

110

Each

1,775.000

4

4

MS21042L3

Nut

**

135407

DAS
27
9-89

Location

Loc Qty

Loc Code

CCK007

600

m135056

600

FP001

32

m133790

32

GA

171

m133790

3

m134360

168

ST303

972

m134039

12

m134634

2

m134754

158

m134943

800

DAS
28
9-89

MS21919-WDG8

Purchased

No

110

Each

54.0000

2

2

MS21919-WDG8

Clamp

**

135408

DAS
27
9-89

Location

Loc Qty

Loc Code

ST293

54

m128057

54

DAS
28
9-89

SEP 13 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

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Work Order ID: 148410

148410

Parent Item: D412-761-047

D412-761-047

Parent Item Name: Instrument Panel

Start Date: 7/22/2016

Required Date: 7/28/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0332J

Purchased

No

110

Each

1,992.000

10

10

NAS1149D0332.J

Washer

**

135536

DAS 28 9-89

DAS 27 12-88

Location

Loc Qty

Loc Code

CA

6

m129682

6

GA

995

m135046

995

ST260a

564

m134848

564

ST264

427

m134502

22

m134738

405

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
Root Cause				FAULT CATEGORY					
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Tuesday, June 28, 2016 10:11:26 AM

Item ID: D412-761-047

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Instrument Panel

Start Date: 7/22/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 7/28/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

IIN D412-761

F

SEP 12 2016

Label

DAS
21
9-89

SEP 12 2016

100

Document Control

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP D412-761-047 CHG002

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

(CONTINUED FROM PAGE 11)

QTY -041	QTY -041A	QTY -043	QTY -045	QTY -047	QTY -049	QTY -051	QTY -053	QTY -141	PART NUMBER	DESCRIPTION
				1					D3705-041	INSTRUMENT PANEL ASSEMBLY
				1					D3705-043	* INSTRUMENT PANEL WELDMENT
				1					D3335-1	* SPRING
				1					D3705-5	* ACCESS PANEL
				1					D3706-041	* LOCK BRACKET ASSEMBLY
				1					D3706-5	* PIN
				2					D3707-3	* MOUNTING LUG
				2					AN3-3A	* BOLT
				4					AN526C1032R6	* SCREW
				1					MS171498	* SPRING SLOTTED PIN
				4					MS24693-C272	* SCREW (OR MS24693-S272)
				2					NAS1149D0332J	* WASHER (OR AN960JD10L)
				1					NAS1149D0563J	* WASHER (OR AN960JD516)
				1					D3705-7	FACE PLATE (MINIMUM REQUIRED INSTRUMENTS FOR 204, 205, 210, AND EAGLE SINGLE MODELS)
				1					D3705-9	FACE PLATE (MINIMUM REQUIRED AND OPTIONAL INSTRUMENTS FOR 204, 205, 210, AND EAGLE SINGLE MODELS)
				1					D3705-11	FACE PLATE (FOR 212, 214, 412, MODELS)
				2					D3707-1	MOUNTING LUG
				1					D3790-1	INDEXING BLOCK
				1					D3867-1	CONNECTOR PLATE
				2					D4758-1	BLANKING PLATE
				3					D4758-3	BLANKING PLATE
				4					AN3-4A	BOLT
				6					AN526C1032R6	SCREW
				2					AN743-12	BRACKET
				6					AN960JD10L	WASHER
				6					MS21075L3	NUTPLATE (OR MS21073-3)
				4					MS24693-C272	SCREW (OR MS24693-S272)
				1					MS27039-1-17	SCREW
				1					MS27039-1-27	SCREW
				4					MS21042L3	NUT
				2					MS21919WDG8	CLAMP
				4					NAS1149D0332J	WASHER (OR AN960JD10L)
					1	1			D3694-041	MOUNTING PLATE ASSEMBLY
					1	1			D3694-1	* KEYWAY
					1	1			D3694-3	* PROTECTIVE PLATE
					1	1			D3694-5	* MOUNTING PLATE
					1	1			AN526C1032R8	* SCREW
					4	4			MS21042L3	* NUT
					2	2			MS21209F1-20	* HELI-COIL, SCREW LOCKING (RED)
					1	1			MS24693-C271	* SCREW (OR MS24693-S271)
					4	4			MS24693-C273	* SCREW (OR MS24693-S273)
					5	5			NAS1149D0363J	* WASHER (OR AN960JD10)
					1	1			D3695-041	SLIDER ASSEMBLY
					1	1			D3695-1	* SLIDER
					1	1			D3695-3	* STOPPER
					1	1			MS21209F6-25	* HELI-COIL, SCREW LOCKING (RED)
					4	4			MS21209F1-20	* HELI-COIL, SCREW LOCKING (RED)
					4	4			MS24693-C276	* SCREW (OR MS24693-S276)
					1	1			D3801-1	* HAND RETRACTABLE SPRING PLUNGER

*DENOTES PART IS INCLUDED WITH ASSEMBLY ABOVE
(CONTINUED ON PAGE 13)

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Revision: F
Date: 16.05.26

6.0 PARTS LIST, FULL VERTICAL REFERENCE DOOR MOD KITS

QTY -041	QTY -041A	QTY -043	QTY -045	QTY -047	QTY -049	QTY -051	QTY -053	QTY -141	PART NUMBER	DESCRIPTION
									D412-761-011	FULL VERTICAL REFERENCE DOOR, LH
									D412-761-011A	FULL VERTICAL REFERENCE DOOR, LH
X									D412-761-041	FULL VERTICAL REFERENCE DOOR KIT, LH
	X								D412-761-041A	FULL VERTICAL REFERENCE DOOR KIT, LH
		X	1						D412-761-043	MODIFIED LATCH MECHANISM KIT, LH
1	1		X						D412-761-045	LARGE BUBBLE WINDOW KIT, LH
1	1			X					D412-761-047	DOOR MOUNTED INSTRUMENT PANEL KIT, LH
1					X				D412-761-049	ARMREST KIT, LH
	1					X			D412-761-051	ARMREST KIT, LH
1	1						X		D412-761-053	DOOR MOUNTED INSTRUMENT PANEL KIT, LH
								X	D412-761-141	VENT KIT
		1							D3589-041	LATCH ASSEMBLY
		1							D3589-047	FORWARD GUIDE
		1							D3589-049	AFT GUIDE
		2							MS16997-24	SCREW
		2							MS21042L06	NUT
		2							NAS1149DN632J	WASHER (OR AN960JD6L)
		1							D3676-1	LARGE BUBBLE WINDOW
		1							D3678-1	PLACARD
		1							D3678-3	PLACARD
		1							D3678-5	PLACARD
		1							D3700-1	INBOARD WINDOW DOUBLER
		1							D3700-3	OUTBOARD WINDOW DOUBLER
		1							D3701-1	FLOOR DOUBLER
		1							D3702-1	FORWARD DOUBLER
		1							D3703-1	AFT DOUBLER
		1							D3703-3	AFT CORNER DOUBLER
		1							D3703-5	AFT CAP
		1							D3704-1	ESCUTCHEON
		1							D3704-3	ESCUTCHEON
		1							D3708-1	ANGLE
		1							D3708-3	ANGLE
		1							D3709-1	ANGLE
		1							D3709-3	ANGLE
		1							D3802-1-135	SEAL
		1							DT9458	CUTTING TEMPLATE
		26							AN3-7A	BOLT
		26							MS21042L3	NUT
		1							MS24694-C5	SCREW (OR MS24694-S5)
		1							MS24694-C13	SCREW (OR MS24694-S13)
		1							NAS43DD3-24	SPACER
		52							NAS1149D0363J	WASHER (OR AN960JD10)

(CONTINUED ON PAGE 12)